

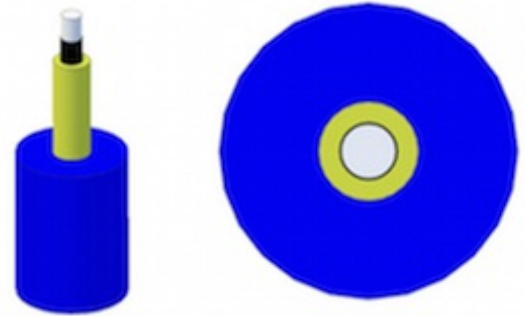
400um Simplex Cable

Applications

- LAN/ Data Links @650 and 850nm
- Large Core Data Transmission
- Glass/POF Replacement Links
- Fiber Optic Sensing Applications

General Attributes

- 400/430 Fiber
- Simplex Construction
- Indoor Use
- Without Strength Member



Specifications

Part Number	2501-01-07
Optical Properties & Dimensions	
Silica Core Diameter	400 ± 8µm
Fluoropolymer Clad Diameter	430 +5/-10 µm
ETFE Buffer Diameter	730 ± 30 µm
Core/Clad Offset	≤8µm
Index Profile	Step Index
Water Content	Low OH
Numerical Aperture	0.46
Attenuation @ 850nm	≤8dB/km
Bandwidth @ 810nm	14.5 MHz-km
Cable Properties	
Strength Member	N/A
Outer Jacketing	PVC Riser Rated
Diameter	2.2mm ± 0.2mm
Weight	5.7kg/km
Color	Blue
Mechanical Information	
Short-term Bend Radius	≥25 mm
Long-term Bend Radius	≥47 mm
Maximum Tensile Load	86 N
Operating Temperature	-20°C to 75°C
Storage Temperature	-40°C to 80°C